



Attorney Docket No. 0553-0406

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
Satoko SHITAGAKI et al )  
Serial No: 10/826,838 )  
Filed: April 16, 2004 )  
Art Unit: 1774 )  
Examiner: Jill M. Gray )  
Confirmation No: 1744 )  
For: QUINOXALINE DERIVATIVE, AND ORGANIC )  
SEMICONDUCTOR DEVICE, ELECTRIC FIELD )  
LIGHT EMITTING DEVICE, AND ELECTRONIC )  
DEVICE WHICH HAVE THE SAME )

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*Elizabeth Doty*  
Date: June 4, 2007

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

06/07/2007 AADOF01 00000003 10026838  
01 FC:1086 100.00 OP

Dear Sir:

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application. Pursuant to 37 CFR §1.98(a)(2)(i) copies of cited US patent and US patent application publications are not submitted herewith.

No inference should be drawn that the attached list sets forth a comprehensive investigation of the prior art, that any or all are pertinent to the invention, or that any apparatus disclosed is equivalent to the subject invention.

The citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

A first office action, notice of allowance or issue fee notification has been received in this case. Please charge Deposit Account No. 50/1039 for any fee required for this IDS.

Date: June 4, 2007

Respectfully submitted,



Mark J. Murphy  
Registration No: 34,225

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PTO/SB/08A (07-06)

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#### **Other Information**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*Use as many sheets as necessary.*

Sheet 1 of 2 Attorney Docket Number 0553-0406

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	COUNTRY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
J/G/		JP 60-258169	12-20-1985	Japan		Abst.
J/G/		EP 0 166 230 A1	01-02-1986	EPO		Abst.
J/G/		EP 0 502 202 A1	09-09-1992	EPO		English
J/G/		JP 7-48385	02-21-1995	Japan		Abst.
J/G/		JP 7-150137	06-13-1995	Japan		Abst.
J/G/		JP B-73443	03-19-1996	Japan		Abst.

Examiner Signature	/Jill M. Gray/	Date Considered	05/10/2009
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Keys Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 1601. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.91. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the information to the USPTO. Estimated burden hours per response: 1.00. An estimate of the amount of time you require to complete this form is provided in Part 2 of the Instructions. U.S. Patent and Trademark Office, 2025 Jefferson Place, Washington, DC 20233-1450. Docket ID: USPTO-BUSINESS-COMMERCIAL-FORMS-2014-0001. Mail Address: 1450 M Street, N.W., Washington, D.C. 20233-1450.

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Substitute for form 1449/PTO			Complete if Known	
			Application Number	10/826,838
			Filing Date	April 16, 2004
			First Named Inventor	Satoko SHITAGAKI
			Art Unit	1774
			Examiner Name	Jill M. Gray
Sheet	2	of	2	Attorney Docket Number
				0553-0406

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/J.G./		LEWIS, R.J., editor <u>Hawley's Condensed Chemical Dictionary</u> , 12th edition, 1993, p. 594.	
/J.G./		JAKUBKE, H.-D. et al, editors <u>Concise Encyclopedia Chemistry</u> , 1993, p. 490.	
/J.G./		PARKER, S.P. et al, editors <u>McGraw-Hill Dictionary of Chemical Terms</u> , 1985, p. 200.	
/J.G./		DELVIGS, P., "Effects of Multifunctional Crosslinking Agents on the Thermomechanical Properties of Polyimide Films," <u>Polymer Engineering and Science</u> , vol. 16, no. 5, May 1976, pp. 323-326.	
/J.G./		BROCK, T. et al, "Synthesis and Characterisation of Porous Particulate Polyimides," <u>J. Mater Chem.</u> vol. 4, no. 2, 1994, pp. 229-236.	

Examiner Signature	/Jill M. Gray/	Date Considered	05/10/2009
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